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	M PTO / 11-20		F COMMERCE PATENT AND TRADEMARK OFFICE	ATTORNEY'S DOCKET NUMBER 1498-125	
			R TO THE UNITED STATES	U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.5)	
DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 25 U.S.C. 271					
CONCERNING A FILING UNDER 35 U.S.C. 371 INTERNATIONAL APPLICATION NO. INTERNATIONAL FILING DATE PRIORITY DATE CLAIMED					
PCT/GB99/03090 17 September 1999				2 October 1998	
TITI	LE OF	NVENTION	IMPROVED PHOTOMULTIPLIER TUI	BE CIRCUIT	
ΔΡΙ		NT(S) FOR DO/EO/US			
GARDNER					
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:					
1.	☐ This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.				
2.		This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.			
3.	\boxtimes	This is an express request to begin national examination procedures (35 U.S.C. 371(f). The submission must include items (5), (6), (9) and (21) indicated below.			
4.	\boxtimes	The U.S. has been elected by the expiration of 19 months from the priority date (Article 31).			
5.	A co	A copy of the International Application as filed (35 U.S.C. 371(c)(2)).			
	a. is attached hereto (required only if not communicated by the International Bureau).				
	b. 🛛 has been communicated by the International Bureau.				
	c. is not required, as the application was filed in the United States Receiving Office (RO/US).			eceiving Office (RO/US).	
6.		An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).			
`	', a. is attached hereto.				
	b.	has been previously submitted under 35 U.S.C. 154(d)(4).			
7.		Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))			
	a.	are attached hereto (required only if not communicated by the International Bureau).			
	b.	have been communicated by the International Bureau.			
	c.	have not been made; however, the time limit for making such amendments has NOT expired.			
	d.	have not been made and will not be made.			
8.		An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).			
9.	\boxtimes	An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).			
10.		A English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).			
	Items 11 To 20 below concern document(s) or information included:				
11.		An Information Disclosure Statement under 37 C.F.R. 1.97 and 1.98.			
12.	\boxtimes	An assignment document for recording. A separate cover sheet in compliance with 37 C.F.R. 3.28 and 3.31 is included.			
13.	\boxtimes	A FIRST preliminary amendment.			
14.		A SECOND or SUBSEQUENT preliminary amendment.			
15.		A substitute specification.			
16.		A change of power of attorney and/or address letter.			
17.		A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821-1.825.			
18.		A second copy of the published international application under 35 U.S.C. 154(d)(4).			
19.		A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).			

20. Other items or information. PTO-1449/ International Search Report

INTERNATIONAL APPLICATION NO. ATTORNEY'S DOCKET NUMBER 1498-125 PCT/GB99/03090 Unknown PTO USE ONLY ☐ The following fees are submitted: CALCULATIONS BASIC NATIONAL FEE (37 C.F.R. 1.492(a)(1)-(5): Neither international preliminary examination fee (37 C.F.R. 1.482) nor international search fee (37 C.F.R. 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO\$1000.00 International preliminary examination fee (37 C.F.R. 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO......\$860.00 International preliminary examination fee (37 C.F.R. 1.482) not paid to USPTO but international search fee (37 C.F.R. 1.445(a)(2)) paid to USPTO......\$710.00 International preliminary examination fee (37 C.F.R. 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4).....\$690.00 International preliminary examination fee (37 C.F.R. 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4).....\$100.00 **ENTER APPROPRIATE BASIC FEE AMOUNT =** 860.00 Surcharge of \$130.00 for furnishing the oath or declaration later than 20 months from the earliest claimed priority date (37 C.F.R. 1.492(e)). \$ 0.00 CLAIMS NUMBER FILED NUMBER EXTRA RATE **Total Claims** 11 -20 = Х \$18.00 \$ 0.00 0 Independent Claims 0 Χ \$80.00 0.00 3 -3 = MULTIPLE DEPENDENT CLAIMS(S) (if applicable) \$270.00 \$ 270.00 TOTAL OF ABOVE CALCULATIONS = 1130.00 Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2. 0.00 SUBTOTAL = 1130.00 Processing fee of \$130.00, for furnishing the English Translation later than ☐ 20 ☐ 30 months from the earliest claimed priority date (37 C.F.R. 1.492(f)). 0.00 **TOTAL NATIONAL FEE =** 1130.00 Fee for recording the enclosed assignment (37 C.F.R. 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 C.F.R. 3.28, 3.31). \$40.00 per property 40.00 Fee for Petition to Revive Unintentionally Abandoned Application (\$1240.00 - Small Entity = \$620.00) \$ 0.00 **TOTAL FEES ENCLOSED =** 1170.00 Amount to be: refunded \$ Charged \$ A check in the amount of \$1170.00 to cover the above fees is enclosed. a. Please charge my Deposit Account No. 14-1140 in the amount of \$ to cover the above fees. b. A duplicate copy of this form is enclosed. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any C. overpayment to Deposit Account No. 14-1140. A duplicate copy of this form is enclosed. d. The entire content of the foreign application(s), referred to in this application is/are hereby incorporated by reference in this application. NOTE: Where an appropriate time limit under 37 C.F.R. 1.494 or 1.495 has not been met, a petition to revive (37 C.F.R. 1.137(a)) or (b)) must be filed and granted to restore the application to pending status. SEND ALL CORRESPONDENCE TO: SIGNATURE NIXON & VANDERHYE P.C. 1100 North Glebe Road, 8th Floor Arlington, Virginia 22201-4714 Telephone: (703) 816-4000 Stanley C. Spooner NAME March 26, 2001 27,393 REGISTRATION NUMBER Date